

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #23—October 15, 2007

Work Completed: October 4-October 10, 2007

- Completed installation of turbidity curtain at Removal Area 7B.
- Completed removal of Staging Area 2S.
- Relocated construction office trailers from First Avenue to 12th Street.
- Completed construction of Staging Area 3S.
- Completed excavation of soil and sediment at Upland Area 6B1.
- Continued loading and transporting solidified non-TSCA material from Upland Area 6B1 and Staging Area 3S to Allied Waste's C&C landfill in Marshall, Michigan.
- Continued surveying and performing sampling and analysis of excavated portions of Upland Area 6B1.
- Began dewatering activities at the West Channel and Phase 1 Cofferdam areas adjacent to the Plainwell Dam.
- Continued constructing the water control structure. Work will consist primarily of installing steel sheeting and H piles.
- Completed seeding and placement of erosion control mats at Removal Areas 2B, 3B, 4B and 6B.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	3,115	89
Total to Date	2,345	67	18,095	517

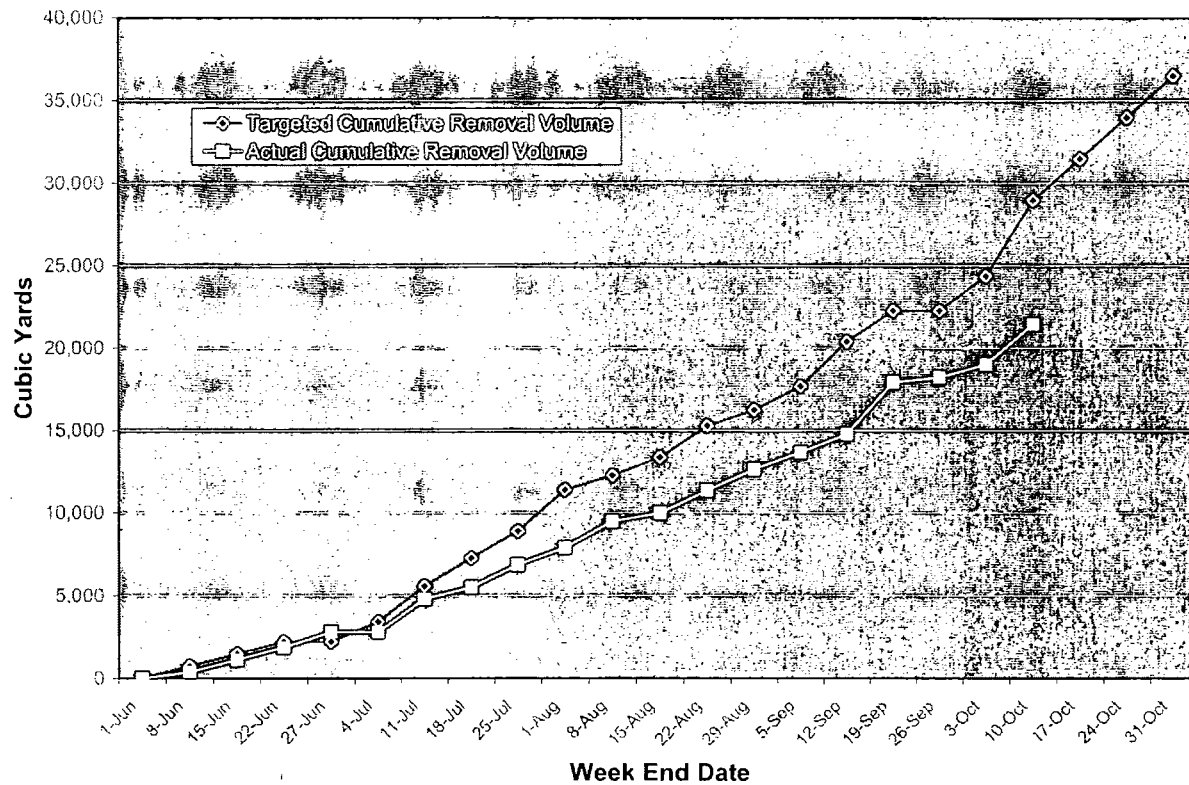
** All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: October 11-October 17, 2007

- Complete backfill and grading of Upland Area 6B1.
- Begin excavating soil and sediment at Removal Area 7B.
- Continue dewatering at the Phase 1 Cofferdam area. Begin excavating soil and sediment from the Phase 1 Cofferdam area.
- Continue loading and transporting solidified non-TSCA material from Staging Area 3S to Allied Waste's C&C landfill in Marshall, Michigan.
- Continue surveying and performing sampling and analysis of excavated portions of Upland Area 6B1 and 7B.
- Continue constructing the water control structure. Work will consist primarily of installing steel sheeting and H piles.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

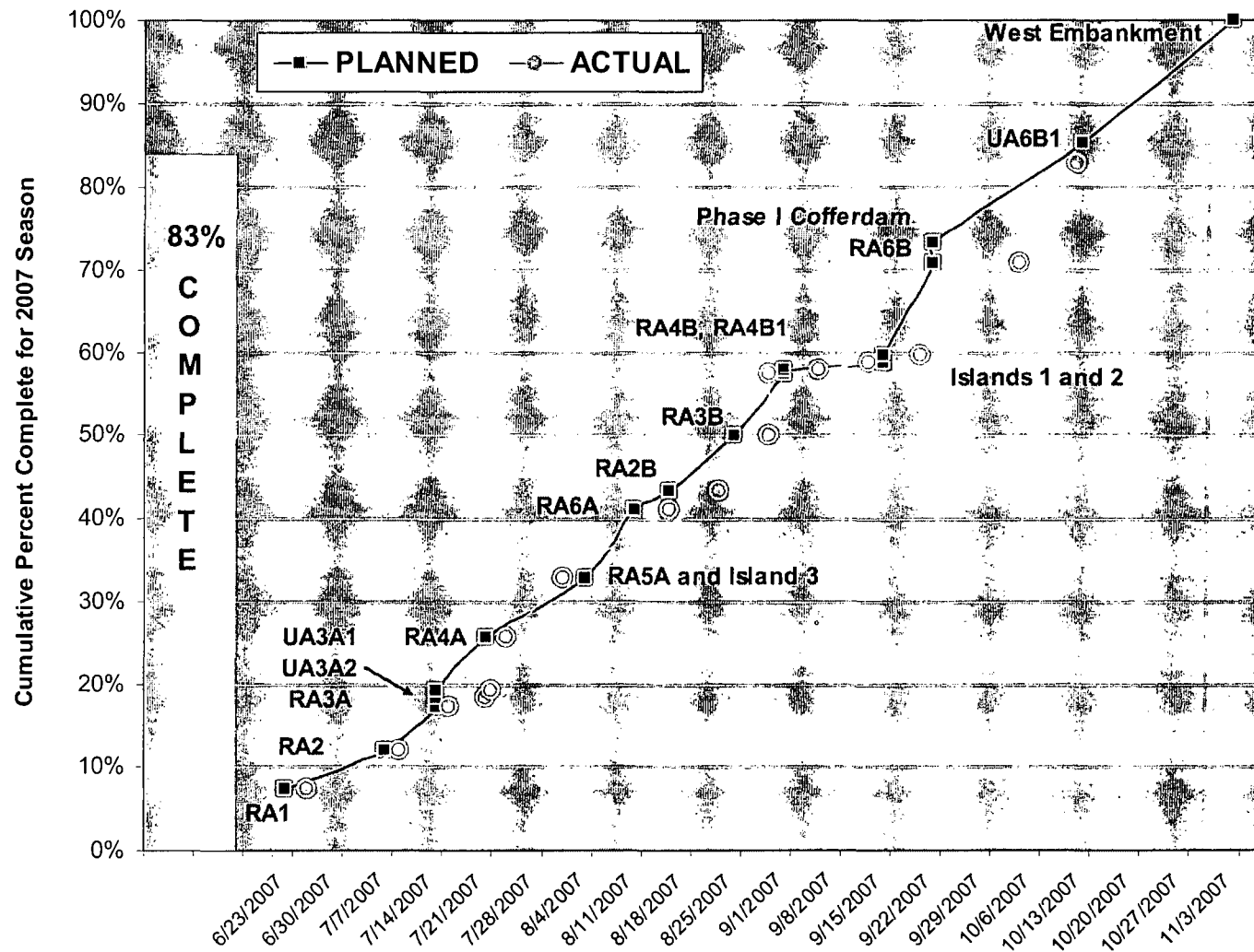


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Two Loss Prevention Observations (LPOs) were completed this week. A total of 66 LPOs have been completed for the project to date.
- A subcontractor employee was closing a 6" cam lock fitting on a pump and bent back his wrist, causing some discomfort due to a likely wrist sprain. On the following day, the employee sought medical treatment and was provided a soft wrist splint. The employee is restricted from performing repetitive activities involving his wrist. The project team is determining what preventative measures can be taken to prevent future injury under these circumstances.

Weather Summary

- No weather delays were encountered during this reporting period.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 600,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 6B1
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:
Currently awaiting results.

Issues Encountered/Solutions Advanced

- Initial dewatering activities in the west channel at the Plainwell Dam indicates that groundwater recharge to this area may exceed our capability to dewater. The project team is examining the water control structure design and construction to determine what modifications to the existing design may be necessary to address this condition.

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #23
Page 6 of 9**

Equipment on Site

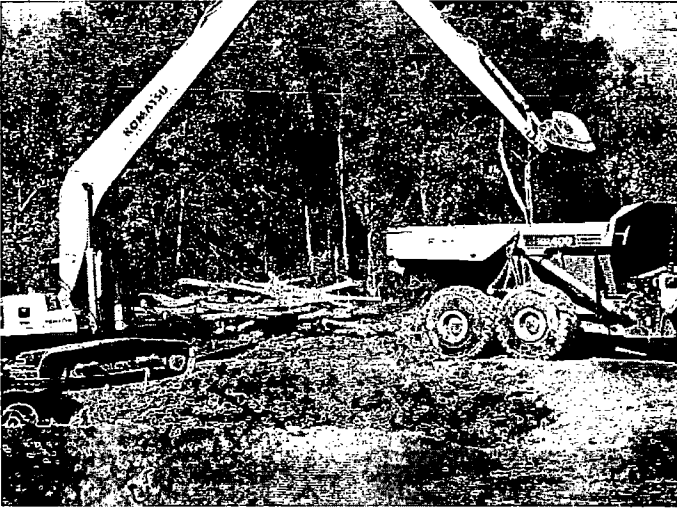
Equipment	10/4/07	10/5/07	10/6/07	10/7/07	10/8/07	10/9/07	10/10/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	2	2	2	2	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	1	1	1	1	1	1	1
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
Burcyrus Cable 40-ton Crane (King)	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Personnel, Regulatory Staff, and Visitors on Site

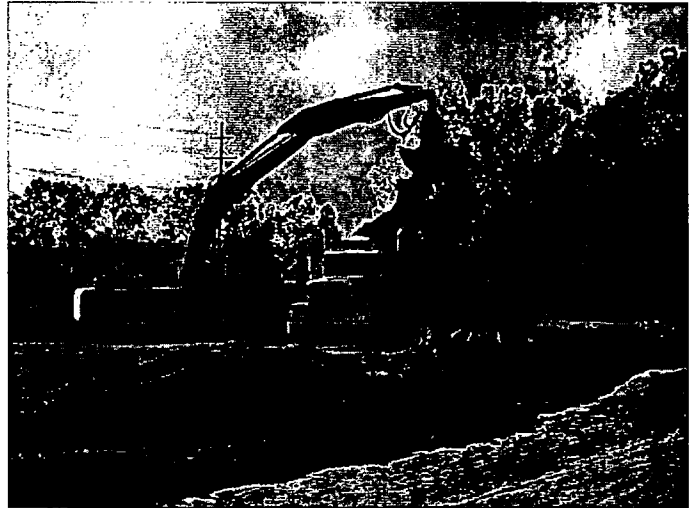
Individual/Affiliation	10/4/07	10/5/07	10/6/07	10/7/07	10/8/07	10/9/07	10/10/07
Terra Contracting Staff	20	20	5		20	20	20
Sam Borries/USEPA OSC							
Mike Ribordy/USEPA OSC							
Paul Bucholtz/MDEQ							X
John Bradley/MDEQ							
John Lerg/MDNR							X
Weston Contractors	1	1			1	1	1
Drew Santini/CDM		X					
Chase Fortenberry/KRSG	X	X					
Rick Difiore/ARCADIS BBLES							
Dave Montanari/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL							
Doug Cowin/ARCADIS BBL							
Adam Chwalibog/ARCADIS BBL	X	X			X	X	X
Eric Hritsuk/ARCADIS BBL	X						
Rich Price/ARCADIS BBLES	X	X					
Matt Bowman/ARCADIS BBLES		X					
EJ Suardini/ARCADIS BBLES	X	X					X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X
Mark Otto/ARCADIS BBLES	X	X			X	X	X
Michelle Rumler/ARCADIS BBL	X	X			X	X	X
Joe Willoughby/ARCADIS BBLES	X	X			X	X	X
Nick Harmer/ARCADIS BBL	X				X	X	X
<i>Other Subcontractors (Specify)</i>							
JFNew	5	5			5	5	
Schrader (Treatment System)					2	2	2
King Construction (WCS/cofferdam)	4	4	4		4	4	4

**Former Plainwell Impoundment
Time-Critical Removal Action
Weekly Construction Update
Progress Report #23
Page 8 of 9**

Photos from Week #23



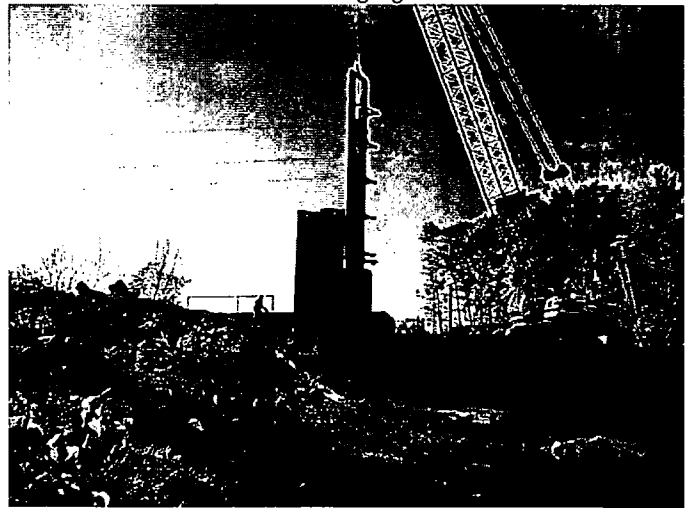
*Excavating and hauling soil and sediment
from Upland Area 6B1.*



*Loading tractor trailers during the
removal of Staging Area 2S.*

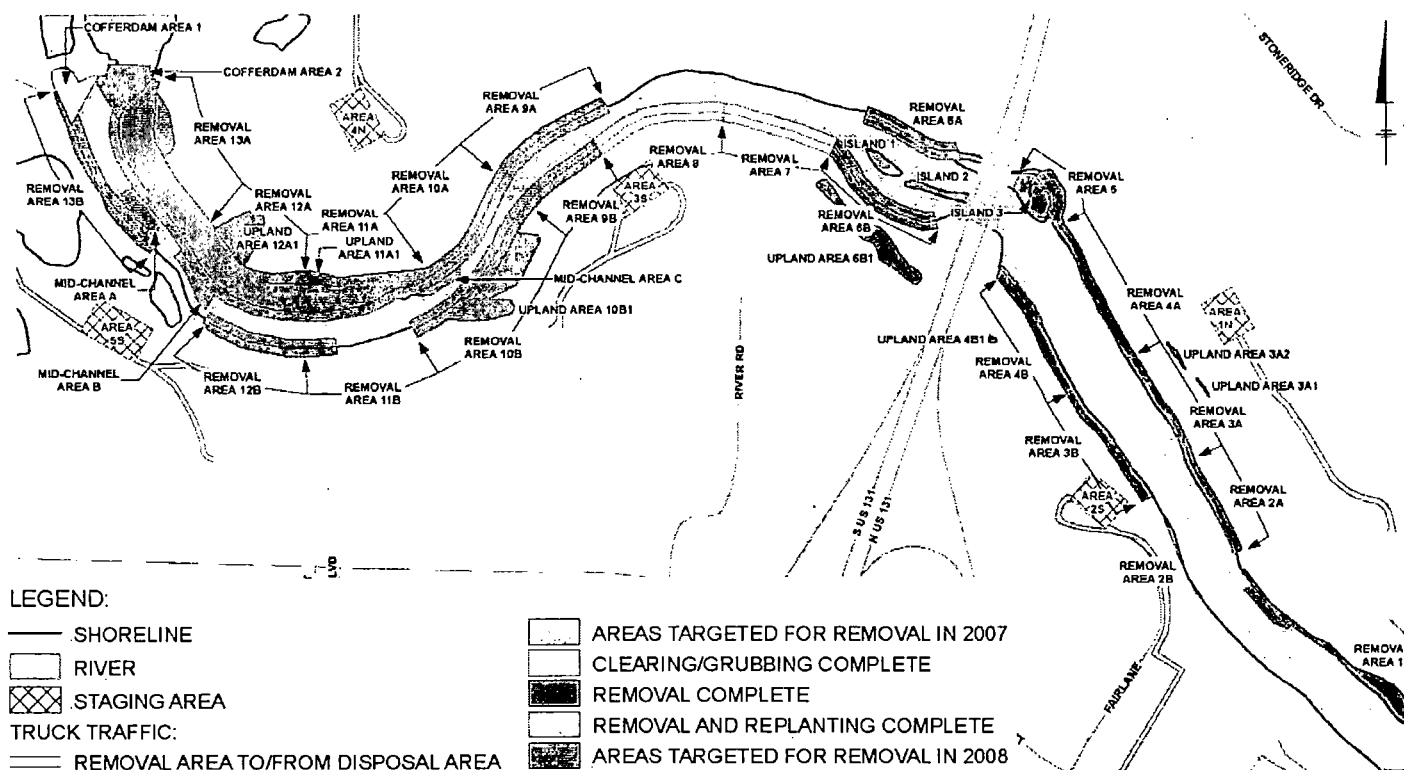


Excavating soil from Upland Area 6B1.



*Installing steel sheeting at the east end
of the water control structure.*

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.